

CLAIMS:

1. (Currently Amended) A filler wire guide tube for guiding a filler wire, the base material of the wire guide tube being plastic, ~~characterized in thatwherein~~ in the cross section of the wire guide tube is formed by an inner region containing a particulate additive comprising at least polytetrafluoroethylene (PTFE) and an outer layer not blended with such an additive.
2. (Currently Amended) The filler wire guide of patent claim 1, ~~characterized in thatwherein~~ the additive composition includes particulate silicon.
3. (Currently Amended) The filler wire guide of ~~patent claim 1 or 2, characterized in thatwherein~~ the amount of the additive composition is about 12 – 20 % in the weight of the additive containing region, and the additive composition comprises polytetrafluoroethylene (PTFE) by about 12 – 17 wt. % and silicon by about 1 – 3 wt. %.
4. (Currently Amended) The filler wire guide of ~~any one of patent claims 1 – 3,~~ ~~characterized in thatwherein~~ the thickness of the additive containing region is 200 - 500 μm .
5. (Currently Amended) The filler wire guide of ~~any one of patent claims 1 – 4,~~ ~~characterized in thatwherein~~ the base material of the wire guide tube is high-density polyethylene (HDPE).
6. (Currently Amended) The filler wire guide of ~~any one of patent claims 1 – 5,~~ ~~characterized in thatwherein~~ the wire guide inner diameter is in the range of 2 - 4 mm and the outer diameter in the range of 4 - 7 mm.
7. (Currently Amended) The filler wire guide of ~~any one of patent claims 1 – 6,~~ ~~characterized in thatwherein~~ the additive composition includes molybdenum sulfide.